

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

# PCT

To:

KONINKLIJKE KPN N.V.  
Attn. Wuyts, Koenraad M.  
P.O. Box 95321  
2509 CH The Hague  
NETHERLANDS

NOTIFICATION OF TRANSMITTAL OF  
THE INTERNATIONAL SEARCH REPORT AND  
THE WRITTEN OPINION OF THE INTERNATIONAL  
SEARCHING AUTHORITY, OR THE DECLARATION

(PCT Rule 44.1)

Date of mailing (day/month/year) 24/02/2005	
Applicant's or agent's file reference 402915WO	<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below
International application No. PCT/EP2004/012249	International filing date (day/month/year) 28/10/2004
Applicant  KONINKLIJKE KPN N.V.	

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

**Filing of amendments and statement under Article 19:**

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

**When?** The time limit for filing such amendments is normally 2 months from the date of transmittal of the International Search Report; however, for more details, see the notes on the accompanying sheet.

**Where?** Directly to the International Bureau of WIPO, 34 chemin des Colombettes  
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 740.14.35

**For more detailed instructions,** see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.

3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.  
☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

**4. Reminders**


Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90*bis*.1 and 90*bis*.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until **30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

<p>Name and mailing address of the International Searching Authority</p>  <p>European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016</p>	<p>Authorized officer</p> <p>Alena Kastlova</p>
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## NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

### INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

#### What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

#### When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

#### Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

#### How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

#### What documents must/may accompany the amendments?

##### Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

## NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

**The following examples illustrate the manner in which amendments must be explained in the accompanying letter:**

1. [Where originally there were 48 claims and after amendment of some claims there are 51]:  
"Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers; claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
2. [Where originally there were 15 claims and after amendment of all claims there are 11]:  
"Claims 1 to 15 replaced by amended claims 1 to 11."
3. [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:  
"Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or  
"Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
4. [Where various kinds of amendments are made]:  
"Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

### **"Statement under article 19(1)" (Rule 46.4)**

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

**It must be in the language in which the international application is to be published.**

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

### **Consequence if a demand for international preliminary examination has already been filed**

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

### **Consequence with regard to translation of the international application for entry into the national phase**

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 402915WO	<b>FOR FURTHER ACTION</b> see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2004/012249	International filing date (day/month/year) 28/10/2004	(Earliest) Priority Date (day/month/year) 30/10/2003
Applicant  KONINKLIJKE KPN N.V.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/012249

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/38 G06K19/07

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/74406 A (DUHS, HENRY) 7 December 2000 (2000-12-07)	1, 3, 4
Y	page 2, line 11 - page 3, line 3 page 3, line 33 - line 35 page 7, line 21 - page 10, line 7 page 10, line 34 - page 11, line 2 figures 1, 3c	2
X	WO 03/081934 A (NOKIA CORPORATION; HUSSMANN, HOLGER) 2 October 2003 (2003-10-02)	1
Y	page 6, line 24 - page 7, line 29 figure 2	2
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

8 February 2005

Date of mailing of the international search report

24/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Rabe, M

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/012249

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/58510 A (SWISSCOM AG; RITTER, RUDOLF) 23 December 1998 (1998-12-23) page 6, line 12 - page 7, line 29 page 8, line 16 - page 9, line 11 figure 2 -----	1-4
A	US 2002/090913 A1 (RITTER RUDOLPH) 11 July 2002 (2002-07-11) paragraph '0005! paragraph '0010! paragraph '0030! - paragraph '0036! figure 2 -----	1-4

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012249

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0074406	A	07-12-2000	SE 516100 C2	19-11-2001
			AU 5263200 A	18-12-2000
			WO 0074406 A1	07-12-2000
			SE 9902469 A	27-11-2000
WO 03081934	A	02-10-2003	WO 03081934 A1	02-10-2003
			AU 2002244888 A1	08-10-2003
			EP 1488653 A1	22-12-2004
			US 2003218532 A1	27-11-2003
WO 9858510	A	23-12-1998	WO 9858509 A1	23-12-1998
			AT 215291 T	15-04-2002
			AT 212774 T	15-02-2002
			AU 736350 B2	26-07-2001
			AU 3022497 A	04-01-1999
			AU 739465 B2	11-10-2001
			AU 5649598 A	04-01-1999
			CA 2293393 A1	23-12-1998
			CA 2294721 A1	23-12-1998
			WO 9858510 A1	23-12-1998
			CN 1260939 T	19-07-2000
			CZ 9904272 A3	15-03-2000
			DE 59706821 D1	02-05-2002
			DE 59802969 D1	14-03-2002
			DK 990355 T3	01-07-2002
			DK 990356 T3	29-04-2002
			EP 0990355 A1	05-04-2000
			EP 0990356 A1	05-04-2000
			ES 2172870 T3	01-10-2002
			HU 0003157 A2	29-01-2001
			HU 0003565 A2	28-03-2001
			JP 2002511217 T	09-04-2002
			JP 2002510444 T	02-04-2002
			NO 996145 A	16-02-2000
			NO 996148 A	11-02-2000
			NZ 501858 A	28-09-2001
			NZ 501859 A	28-08-2002
			RU 2204166 C2	10-05-2003
			RU 2212118 C2	10-09-2003
			TW 480449 B	21-03-2002
			ID 22976 A	23-12-1999
			PT 990356 T	31-07-2002
US 2002090913	A1	11-07-2002	WO 0103311 A1	11-01-2001
			AU 4357199 A	22-01-2001
			EP 1192721 A1	03-04-2002
			JP 2003504915 T	04-02-2003

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

## PCT

To:

see form PCT/ISA/220

### WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing  
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference  
see form PCT/ISA/220

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No.  
PCT/EP2004/012249

International filing date (day/month/year)  
28.10.2004

Priority date (day/month/year)  
30.10.2003

International Patent Classification (IPC) or both national classification and IPC  
H04Q7/38, G06K19/07

Applicant  
KONINKLIJKE KPN N.V.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



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D-80298 Munich  
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Authorized Officer

Rabe, M

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**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/EP2004/012249

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**Box No. I Basis of the opinion**

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1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
  - ☐ This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
  - a. type of material:
    - ☐ a sequence listing
    - ☐ table(s) related to the sequence listing
  - b. format of material:
    - ☐ in written format
    - ☐ in computer readable form
  - c. time of filing/furnishing:
    - ☐ contained in the international application as filed.
    - ☐ filed together with the international application in computer readable form.
    - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/EP2004/012249

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

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**1. Statement**

Novelty (N)	Yes: Claims	
	No: Claims	1-4
Inventive step (IS)	Yes: Claims	
	No: Claims	1-4
Industrial applicability (IA)	Yes: Claims	1-4
	No: Claims	

**2. Citations and explanations**

**see separate sheet**

Reference is made to the following documents:

D1: WO 00/74406 A1

D2: WO 03/081934 A1

**A. Citations and explanations made in respect of paragraph V:**

1. Document **D1** (see in particular abstract; page 2, line 11 to page 3, line 3; page 3, lines 33 to 35; page 7, line 21 to page 10, line 7; page 10, line 34 to page 11, line 2; Figures 1 and 3c) discloses, in accordance with **all** the features of **claim 1**, a method for enhancing a wireless communication device (see "2" in Figure 1), containing a SIM chip (see "11" in Figure 3c) on a SIM card (see "10" in Figure 3c) with secure identification means, comprising adding a RF-ID tag (see "8" in Figure 3c) to said wireless communication device (see in particular page 10, line 34 to page 11, line 2).

In addition it should be noted that document **D2** (see in particular abstract; page 6, line 24 to page 7, line 29; Figure 2) discloses, in accordance with **all** the features of **claim 1**, a method for enhancing a wireless communication device (see "201" in Figure 2), containing a SIM chip (see "SIM" in Figure 2) on a SIM card with secure identification means (see in particular page 6, lines 29 to 32), comprising adding a RF-ID tag (see "202" in Figure 2) to said wireless communication device (see in particular page 6, line 29 to page 7, line 1).

The subject-matter of claim 1 therefore is, **either** in view of the disclosure of document **D1** or in view of the disclosure of document **D2** **not new**, Article 33 (2) PCT.

2. Furthermore, document **D1** (see in particular abstract; page 2, line 11 to page 3, line 3; page 3, lines 33 to 35; page 7, line 21 to page 10, line 7; page 10, line 34 to page 11, line 2; Figures 1 and 3c) discloses, in accordance with **all** the features of **independent claim 4**, a SIM card (see "10" in Figure 3c) with a SIM chip (see "11" in Figure 3c) comprising an RF-ID tag (see "8" in Figure 3c; see also page 10, line 34 to page 11, line 2).

The subject-matter of independent claim 4 therefore is **not new**, Article 33 (2) PCT.

3. **Dependent claims 2 and 3** do **not** contain any additional features which, in combination with the features of any claim to which they refer, involve an inventive step for the reason that the subject-matter of said claims is disclosed in document **D1** (for claim **3**: see in particular page 10, line 34 to page 11, line 2; Figure 3c) and, respectively, in document **D2** (for claim **2**: see in particular page 6, line 24 to page 7, line 14).

Dependent claims 2 and 3 therefore **do not** meet the requirements of Article 33 (3) PCT.

**B. Further remarks made in respect of the present application:**

If the applicant opts to enter the **PCT-II phase** (examination phase) or a national/regional phase, the following points should also be taken into consideration:

1. To meet the requirements of Rule 6.3 (b) PCT, any independent claim should be **correctly** cast in the **two-part form**, with those features which in combination are part of the nearest prior art (eg. document **D1**) being placed in the preamble.
2. To meet the requirements of Rule 5.1 (a) (ii) PCT, the documents **D1** and **D2**, which represent a relevant state of the art with regard to the present invention, should be identified in the opening part of the description and the relevant background art disclosed therein should be briefly discussed.
3. The opening part of the description - including the statement of the object/solution - should be **brought into conformity** with the wording of any new or amended independent claim(s), Rule 5.1 (a) (iii) PCT.
4. The general statement (ie. "... spirit ...") in line 28 on page 4 of the present description is not clear, and when used to interpret the claims renders them also unclear, contrary to Article 6 PCT.

The statement therefore should be deleted (see PCT Guidelines, 5.30).

5. The figures should be correctly numbered (see Rule 11.13 (k) PCT).